

Title (en)
Universal joint assembly

Title (de)
Kreuzgelenkanordnung

Title (fr)
Ensemble de joint universel

Publication
EP 1783384 B1 20120912 (DE)

Application
EP 06015738 A 20060728

Priority
DE 102005053558 A 20051108

Abstract (en)
[origin: EP1783384A2] Universal joint arrangement has a pin (4) of a spider (3) stored in joint fork over a bearing arrangement whereby bearing arrangement enfolds a radial bearing (6). The sealing unit (2) encloses sealing lip (16) forming a sealing surface (28). Sealing unit pre-stresses the sealing surface over a spring unit (21) indirectly opposite the joint fork in form of a pressure spring (22).

IPC 8 full level
F16C 21/00 (2006.01); **F16C 33/78** (2006.01); **F16D 3/20** (2006.01); **F16D 3/38** (2006.01); **F16J 15/32** (2006.01)

CPC (source: EP)
F16C 21/005 (2013.01); **F16C 33/7809** (2013.01); **F16D 3/385** (2013.01); **F16J 15/3212** (2013.01); **F16J 15/3232** (2013.01);
F16C 2361/41 (2013.01)

Cited by
CN109751340A; CN108071691A; DE102017125362A1; WO2010034501A1; JP2012504213A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1783384 A2 20070509; EP 1783384 A3 20110921; EP 1783384 B1 20120912; DE 102005053558 A1 20070524

DOCDB simple family (application)
EP 06015738 A 20060728; DE 102005053558 A 20051108